

56075 to 56079.

From Santiago de las Vegas, Cuba. Seeds presented by Dr. Mario Calvino, director, Agricultural Experiment Station. Received December 30, 1922. Quoted notes by Doctor Calvino.

56075 and 56076. *PHASEOLUS LUNATUS* L. Fabaceæ. Lima bean.

"The following Lima beans are cultivated in Cuba."

56075. Light-red beans.

56076. Dark-red beans.

56077 to 56079. *VIGNA* spp. Fabaceæ.

56077. *VIGNA CYLINDRICA* (Stickm.) Skeels.

Catjang.

"*Frijol precioso.*"

56078 and 56079. *VIGNA SESQUIPEDALIS* (L.) Fruwirth.

Yard-Long bean.

56078. "*Habichuela china negra.*"

56079. "*Habichuela china variegata.*"

56080 to 56117.

From Yunnan, China. Seeds collected by J. F. Rock, Agricultural Explorer of the United States Department of Agriculture. Received December 6, 1922. Quoted notes by Mr. Rock.

56080 to 56083. *CASTANEA* spp. Fagaceæ.

Chestnut.

56080. *CASTANEA* sp.

"(No. 6682. September 29, 1922.) A tree 60 to 100 feet tall, with trunk 4 to 5 feet in diameter, and hard, tough dark-brown wood, found at an altitude of 8,200 feet, and very common, four and a half days' journey west of Talifu, beyond a village called Paitoupu and 40 li (12 miles) from Yungping, where it forms dense forests. The leaves are large, broadly ovate, coarsely serrate, glossy above and silvery beneath. The burs are borne in spikes, with thick, green, short spines in spiral ridges, similar to those of *Castanea armata*. The nuts are very small, something like those of the chinquapin, and very sweet and palatable. The natives cut the tree for firewood a foot above the ground; it ratoons very freely, sending forth shoots from the old stump. I have not seen any evidence of disease in any of the trees of this species, although I have examined many trees. The timber is excellent, being used for building purposes."

For an illustration of the trunk of this chestnut, see Plate IV.

56081. *CASTANEA* sp.

"(No. 6683. September 30, 1922.) A tree 50 to 60 feet high, with a straight trunk 1 to 2½ feet in diameter and ascending branches, found in yellow clay loam in forests 20 li (6 miles) from Paitoupu, four and a half days' journey west of Talifu, at an altitude of 8,200 feet. The dark-green leathery leaves are very handsome, and the numerous burs, larger than those of the following [S. P. I. No. 56082], are borne in lateral spikes. The nuts are very sweet and delicious. These trees are perfectly healthy. Trees of this species are also found on the western slopes of the Tsangshan Range, but their fruits are all attacked by worms."

56082. *CASTANEA* sp.

"(No. 6683a. September 30, 1922.) A tree of the same size as the preceding [S. P. I. No. 56081] and with leaves similar but a paler green, found in the mountains 20 li (6 miles) from Paitoupu near a hamlet called Shiao-shui. The burs are smaller, with the spines arranged differently, and shorter and sharper. The nuts are the same size."